

FIGURE 1

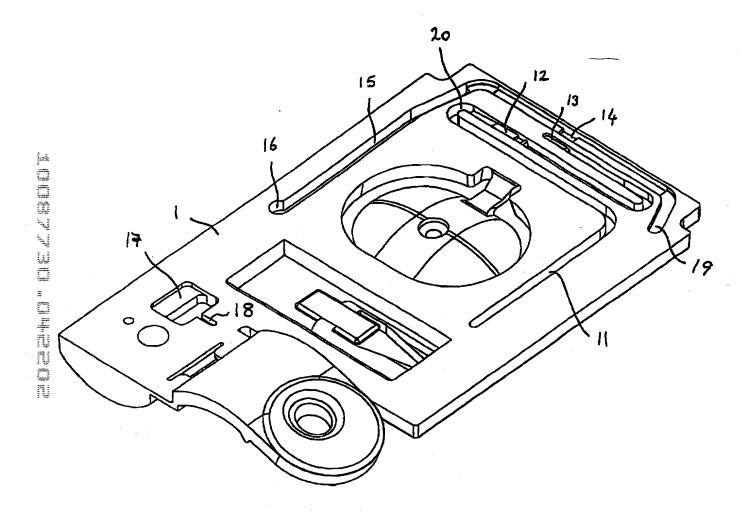
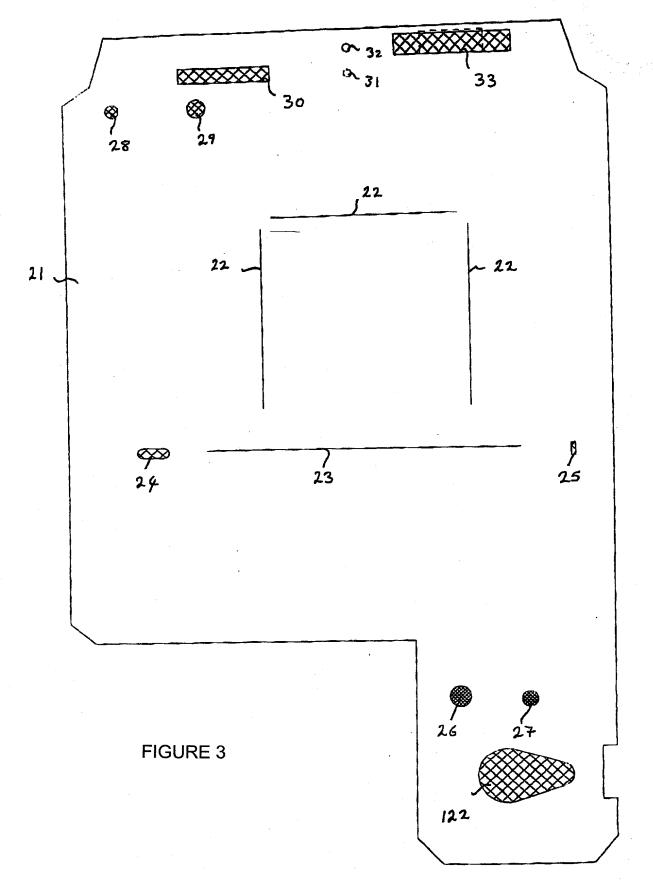


FIGURE 2



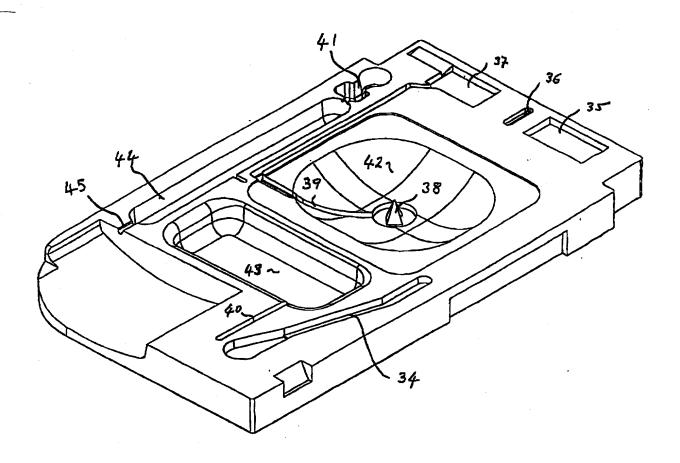
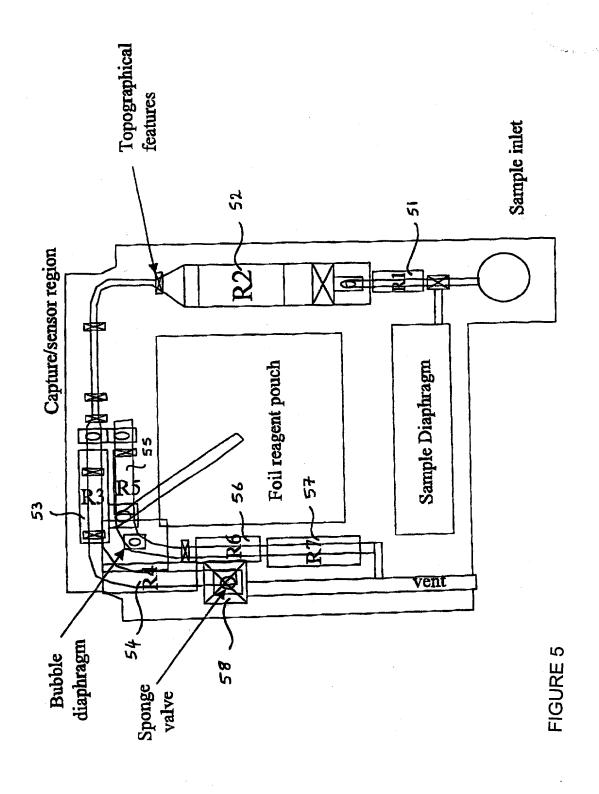


FIGURE 4



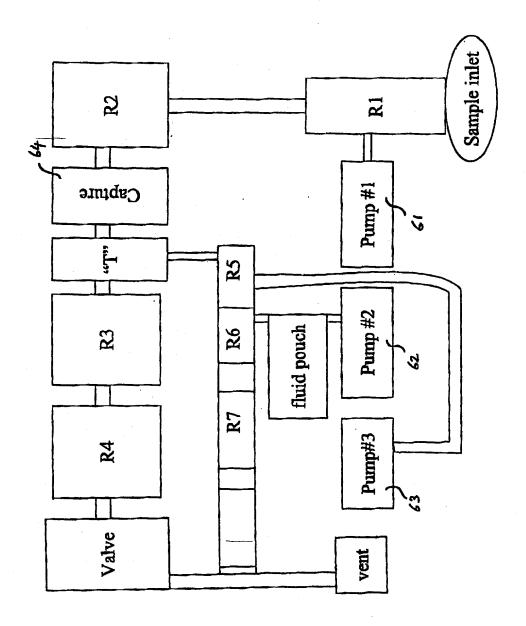


FIGURE 6

Simultaneous Sandwich
ELISA for Troponin I
and wher Cardina

2: Wash and Analysis

1: Capture Step

40

Non-specifically adsorbed enzyme/antibody conjugate

Enzyme Electroactive
Substrate Product

Gold Electrode

FIGURE 7

Gold Electrode

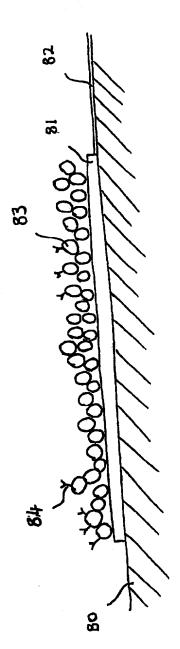


FIGURE 8

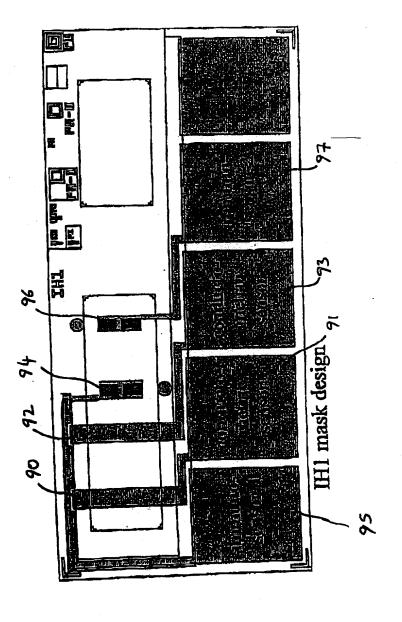


FIGURE 9

2 Level Precision (3 days, 2 sensor lots 8 analyzers)

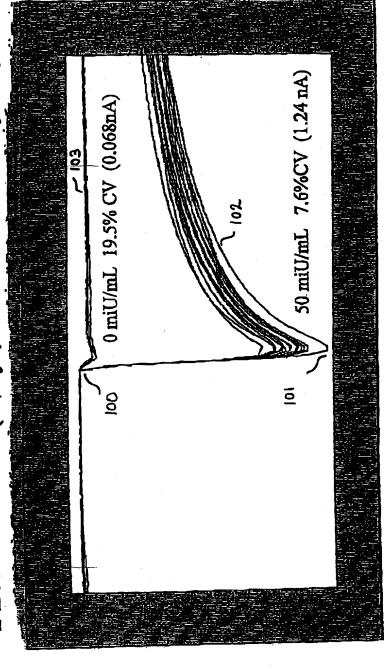


FIGURE 10

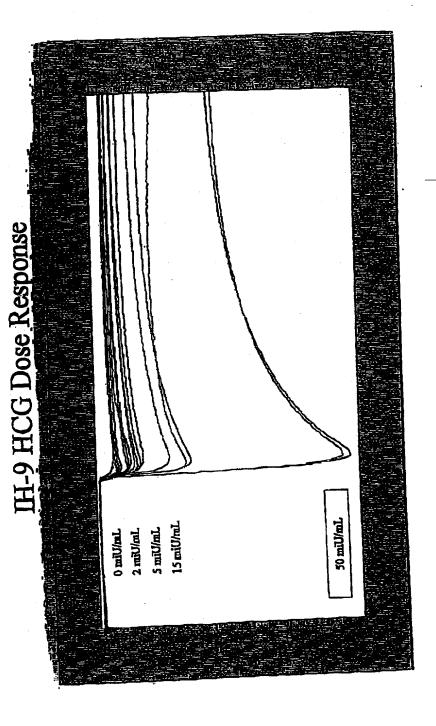


FIGURE 11

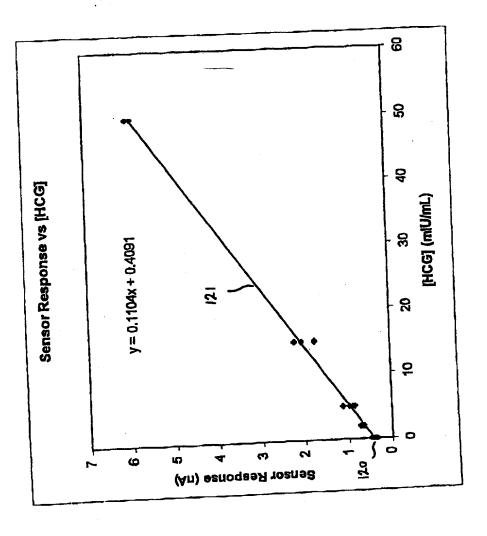


FIGURE 12

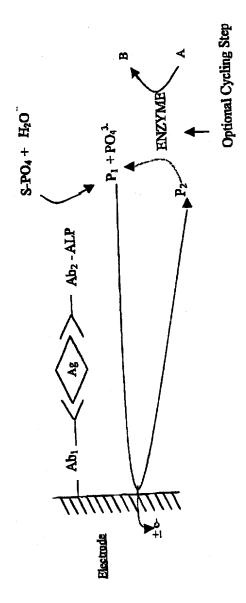


FIGURE 13

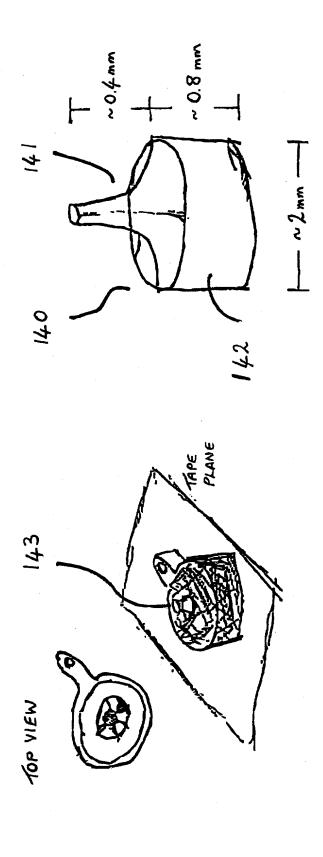
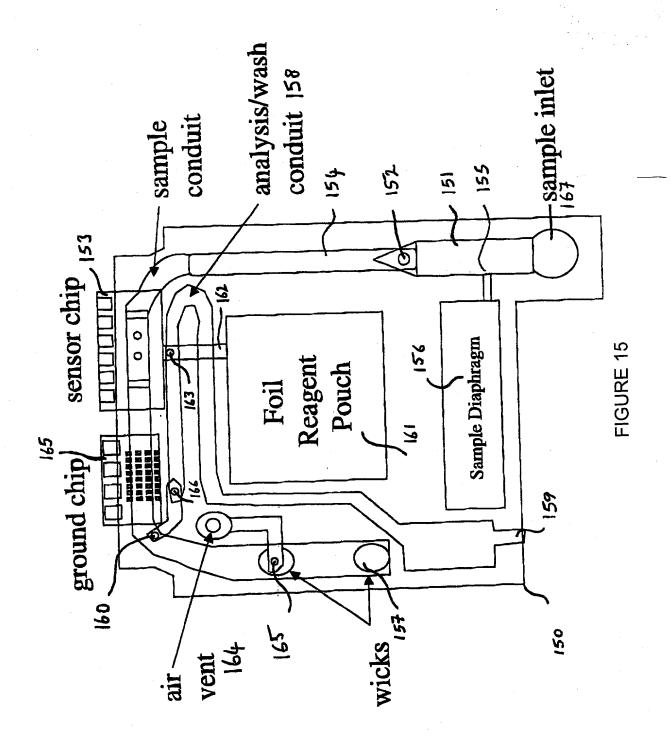


FIGURE 14



Fluidic Schematic for i-STAT immunocartridge

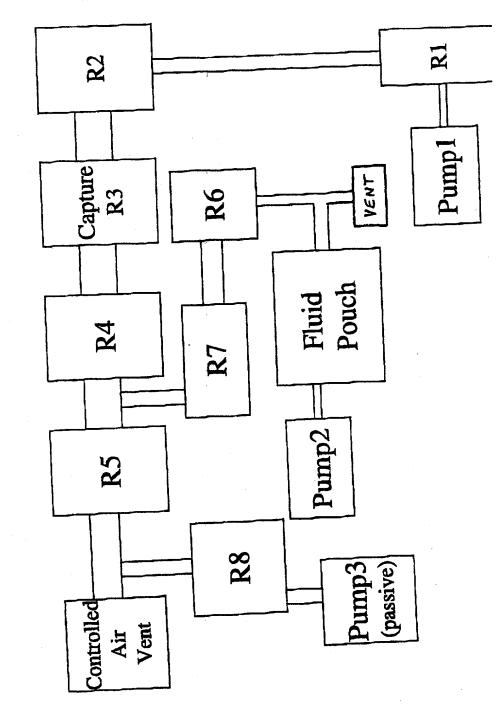


FIGURE 16

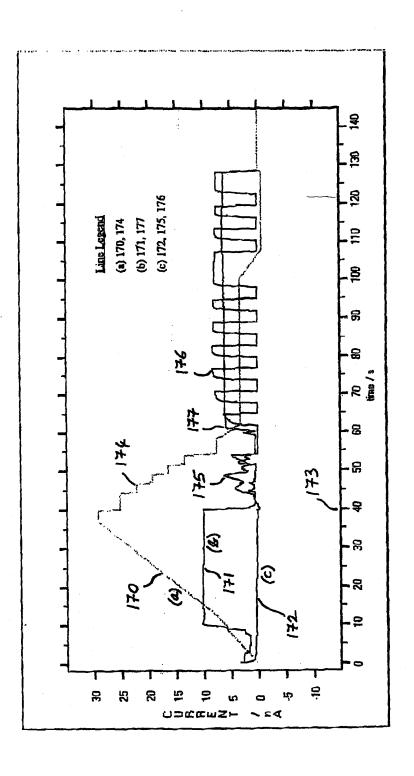


FIGURE 17